

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE

Membership Publications/Services Standards Conferences Careers/Jobs

IEEE Xplore®
RELEASE 1.5Welcome
United States Patent and Trademark Office[Help](#) [FAQ](#) [Terms](#) [IEEE Peer Review](#) [Quick Links](#) [Search Results](#)

Welcome to IEEE Xplore®

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced

Member Services

- ☐ Join IEEE
 - ☐ Establish IEEE Web Account
 - ☐ Access the IEEE Member Digital Library
- Print Format

Your search matched 34 of 981247 documents.

A maximum of 34 results are displayed, 25 to a page, sorted by Relevance in descending order.
You may refine your search by editing the current search expression or entering a new one the text box.
Then click Search Again.

pcm

 Search Again

Results:

Journal or Magazine = JNL Conference = CNF Standard = STD

26 Comparing the efficiency of IP and ATM telephony*Baldi, M.; Risso, F.;*

ATM, 1999. ICATM '99. 1999 2nd International Conference on , 21-23 June 1999

Page(s): 180 -186

[\[Abstract\]](#) [\[PDF Full-Text \(560 KB\)\]](#) [IEEE CNF](#)**27 Naturalness preserving transform for missing frame compensation***Kohler, M.A.; Yarlagadda, P.;*

Circuits and Systems, 1999. ISCAS '99. Proceedings of the 1999 IEEE International Symposium on , Volume: 4 , 30 May-2 June 1999

Page(s): 118 -122 vol.4

[\[Abstract\]](#) [\[PDF Full-Text \(456 KB\)\]](#) [IEEE CNF](#)**28 Estimation of token bucket parameters of VoIP traffic***Bruno, R.; Garroppo, R.G.; Giordano, S.;*

1 of 3

11/4/03 2:31 PM

IEEE Xplore Search Results

wysiwyg://7/http://search.ieeeexplore.ieee.org/search9...emplate=lpdocview%2Ehts&ResultStart=26&ResultCount=25

High Performance Switching and Routing, 2000. ATM 2000. Proceedings of the IEEE Conference on , 26-29 June 2000

Page(s): 353 -356

[\[Abstract\]](#) [\[PDF Full-Text \(308 KB\)\]](#) [IEEE CNF](#)**29 Antialiasing Filter with an Improved S/N Ratio***Pfleiderer, H.-J.; Knauer, K.;*

Communications, IEEE Transactions on [legacy, pre - 1988] , Volume: 27 Issue: 2 , Feb 1979

Page(s): 430 -431

[\[Abstract\]](#) [\[PDF Full-Text \(232 KB\)\]](#) [IEEE JNL](#)**30 An Approach to Multi-Service Subscriber Loop System Using Packetized Voice/Data Terminals***Tsuda, T.; Hattori, S.; Yatsuboshi, R.; Yamauchi, K.;*

Communications, IEEE Transactions on [legacy, pre - 1988] , Volume: 27 Issue: 7 , Jul 1979

Page(s): 1112 -1117

[\[Abstract\]](#) [\[PDF Full-Text \(872 KB\)\]](#) [IEEE JNL](#)**31 Embedded DPCM for Variable Bit Rate Transmission***Goodman, D.;*

Communications, IEEE Transactions on [legacy, pre - 1988] , Volume: 28 Issue: 7 , Jul 1980

Page(s): 1040 -1046

[\[Abstract\]](#) [\[PDF Full-Text \(568 KB\)\]](#) [IEEE JNL](#)**32 Effects of Packet Losses in Waveform Coded Speech and Improvements Due to an Odd-Even Sample-Interpolation Procedure***Jayant, N.; Christensen, S.;*

2 of 3

11/4/03 2:31 PM

Communications, IEEE Transactions on [legacy, pre - 1988] , Volume: 29 Issue: 2 ,
Feb 1981
Page(s): 101 -109

[\[Abstract\]](#) [\[PDF Full-Text \(848 KB\)\]](#) [IEEE JNL](#)

33 Digital Voice Storage in a Microprocessor

Flanagan, J.; Johnston, J.; Upton, J.;

Communications, IEEE Transactions on [legacy, pre - 1988] , Volume: 30 Issue: 2 ,
Feb 1982

Page(s): 336 -345

[\[Abstract\]](#) [\[PDF Full-Text \(1184 KB\)\]](#) [IEEE JNL](#)

34 Missing packet recovery techniques for low-bit-rate coded speech

Suzuki, J.; Taka, M.;

Selected Areas in Communications, IEEE Journal on , Volume: 7 Issue: 5 , June 1989

Page(s): 707 -717

[\[Abstract\]](#) [\[PDF Full-Text \(916 KB\)\]](#) [IEEE JNL](#)

[\[Prev\]](#) [1](#) [2](#)

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#)
[Join IEEE](#) | [Web Account](#) | [New this week](#) | [QPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#)
[No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2003 IEEE — All rights reserved

No.	Publication No.	Title
1.	<u>2002 - 135317</u>	REPRODUCING DEVICE CORRESPONDING TO VOICE PACKETS
2.	<u>2002 - 033720</u>	DUAL MODE DATA TRANSMISSION METHOD AND SYSTEM, AND TRANSMITTER AND RECEIVER THEREFOR
3.	<u>11 - 196102(1999)</u>	ATM REPEATER
4.	<u>11 - 178065(1999)</u>	DUAL MODE RADIO COMMUNICATION EQUIPMENT HAVING FUNCTION OF USING SELECTIVELY ANALOG MODE OR DIGITAL MODE
5.	<u>10 - 243453(1998)</u>	DUAL MODE MOBILE RADIO TERMINAL
6.	<u>09 - 114736(1997)</u>	HIGH-SPEED DUAL PORT TYPE CACHE CONTROLLER FOR DATA PROCESSOR OF PACKET EXCHANGE TYPE CACHE COHERENT MULTIPROCESSOR SYSTEM

Copyright (C); 1998,2003 Japan Patent Office

16	81	((mobile with radio and vocoder and voice) and (((dual or analog with digital\$4)) or (pulse with code)) and packet same ((switch\$4 chang\$4 alter\$4)))) and @ad<=20000609	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/04 09:28
14	30	((("5550893" "6421353" "5754589" "6064857" "5729536" "6324515" "5920834" "6272190" "6477370" "5535204" "5764628" "5815503" "5749057" "6377685" "5790957" "6006189" "6138022" "6370127" "5459722" "6070089" "6091969" "5537410" "5673266" "6259684" "6272358" "6134242" "5222251" "5754537" "5959981" "6484110" "5452289" "5471470" "5500859" "5559793" "5574725" "5577041" "5600649" "5673257" "5673268" "5764627" "5790532" "6205190" "5315570" "5953319" "5381460" "5404579" "5481595" "5495519" "6002945" "6009338").pn.) and (((dual or analog with digital\$4)) or (pulse with code)) and packet same ((switch\$4 chang\$4 alter\$4)))) and @ad<=20000609	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/04 09:29
17	12	((("5550893" "6421353" "5754589" "6064857" "5729536" "6324515" "5920834" "6272190" "6477370" "5535204" "5764628" "5815503" "5749057" "6377685" "5790957" "6006189" "6138022" "6370127" "5459722" "6070089" "6091969" "5537410" "5673266" "6259684" "6272358" "6134242" "5222251" "5754537" "5959981" "6484110" "5452289" "5471470" "5500859" "5559793" "5574725" "5577041" "5600649" "5673257" "5673268" "5764627" "5790532" "6205190" "5315570" "5953319" "5381460" "5404579" "5481595" "5495519" "6002945" "6009338").pn.) and (((dual or analog with digital\$4)) or (pulse with code)) and packet same ((switch\$4 chang\$4 alter\$4)))) and @ad<=20000609	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/04 10:19
18	22	((("5550893" "6421353" "5754589" "6064857" "5729536" "6324515" "5920834" "6272190" "6477370" "5535204" "5764628" "5815503" "5749057" "6377685" "5790957" "6006189" "6138022" "6370127" "5459722" "6070089" "6091969" "5537410" "5673266" "6259684" "6272358" "6134242" "5222251" "5754537" "5959981" "6484110" "5452289" "5471470" "5500859" "5559793" "5574725" "5577041" "5600649" "5673257" "5673268" "5764627" "5790532" "6205190" "5315570" "5953319" "5381460" "5404579" "5481595" "5495519" "6002945" "6009338").pn.) and @ad<=20000609 and vocoder	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/04 10:21
19	2	((("5550893" "6421353" "5754589" "6064857" "5729536" "6324515" "5920834" "6272190" "6477370" "5535204" "5764628" "5815503" "5749057" "6377685" "5790957" "6006189" "6138022" "6370127" "5459722" "6070089" "6091969" "5537410" "5673266" "6259684" "6272358" "6134242" "5222251" "5754537" "5959981" "6484110" "5452289" "5471470" "5500859" "5559793" "5574725" "5577041" "5600649" "5673257" "5673268" "5764627" "5790532" "6205190" "5315570" "5953319" "5381460" "5404579" "5481595" "5495519" "6002945" "6009338").pn.) and (((dual or analog with digital\$4)) or (pulse with code)) and packet same ((switch\$4 chang\$4 alter\$4)))) and @ad<=20000609 and (voice speech) with recogni\$6	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/04 10:20
20	11	((("5550893" "6421353" "5754589" "6064857" "5729536" "6324515" "5920834" "6272190" "6477370" "5535204" "5764628" "5815503" "5749057" "6377685" "5790957" "6006189" "6138022" "6370127" "5459722" "6070089" "6091969" "5537410" "5673266" "6259684" "6272358" "6134242" "5222251" "5754537" "5959981" "6484110" "5452289" "5471470" "5500859" "5559793" "5574725" "5577041" "5600649" "5673257" "5673268" "5764627" "5790532" "6205190" "5315570" "5953319" "5381460" "5404579" "5481595" "5495519" "6002945" "6009338").pn.) and @ad<=20000609 and (voice speech) with recogni\$6) and ((mobile with radio and vocoder and voice) and (((dual or analog with digital\$4)) or (pulse with code)) and packet same ((switch\$4 chang\$4 alter\$4)))) and @ad<=20000609 and (voice speech) with recogni\$6	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/04 10:22

Search History 11/4/03 3:12:28 PM Page 3
C:\APPS\IEAST\Workspaces\09871561.wsp

21	5	(((((mobile with radio and vocoder and voice) and (((dual or analog with digital\$4)) or (pulse with code)) and packet same ((switch\$4 chang\$4 alter\$4)))) and @ad<=20000609 and (voice speech) with recogni\$6) and dual with mode	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/04 10:23
26	6	((US-5550893-\$ or US-5790957-\$ or US-6272358-\$ or US-6421353-\$ or US-5729536-\$ or US-6622017-\$).did.	USPAT	2003/11/04 11:20
27	11	((("5550893" "6421353" "5754589" "6064857" "5729536" "6324515" "5920834" "6272190" "6477370" "5535204" "5764628" "5815503" "5749057" "6377685" "5790957" "6006189" "6138022" "6370127" "5459722" "6070089" "6091969" "5537410" "5673266" "6259684" "6272358" "6134242" "5222251" "5754537" "5959981" "6484110" "5452289" "5471470" "5500859" "5559793" "5574725" "5577041" "5600649" "5673257" "5673268" "5764627" "5790532" "6205190" "5315570" "5953319" "5381460" "5404579" "5481595" "5495519" "6002945" "6009338").pn.) and (((dual or analog with digital\$4)) or (pulse with code)) and packet same ((switch\$4 chang\$4 alter\$4)))) and @ad<=20000609 and (((("5550893" "6421353" "5754589" "6064857" "5729536" "6324515" "5920834" "6272190" "6477370" "5535204" "5764628" "5815503" "5749057" "6377685" "5790957" "6006189" "6138022" "6370127" "5459722" "6070089" "6091969" "5537410" "5673266" "6259684" "6272358" "6134242" "5222251" "5754537" "5959981" "6484110" "5452289" "5471470" "5500859" "5559793" "5574725" "5577041" "5600649" "5673257" "5673268" "5764627" "5790532" "6205190" "5315570" "5953319" "5381460" "5404579" "5481595" "5495519" "6002945" "6009338").pn.) and (switch\$4 chang\$4 alter\$4)))) and ((pulse or pcm or analog) with (digital or packet) with switch\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/04 12:22
28	3	((("5550893" "6421353" "5754589" "6064857" "5729536" "6324515" "5920834" "6272190" "6477370" "5535204" "5764628" "5815503" "5749057" "6377685" "5790957" "6006189" "6138022" "6370127" "5459722" "6070089" "6091969" "5537410" "5673266" "6259684" "6272358" "6134242" "5222251" "5754537" "5959981" "6484110" "5452289" "5471470" "5500859" "5559793" "5574725" "5577041" "5600649" "5673257" "5673268" "5764627" "5790532" "6205190" "5315570" "5953319" "5381460" "5404579" "5481595" "5495519" "6002945" "6009338").pn.) and (((dual or analog with digital\$4)) or (pulse with code)) and packet same ((switch\$4 chang\$4 alter\$4)))) and @ad<=20000609 and (((("5550893" "6421353" "5754589" "6064857" "5729536" "6324515" "5920834" "6272190" "6477370" "5535204" "5764628" "5815503" "5749057" "6377685" "5790957" "6006189" "6138022" "6370127" "5459722" "6070089" "6091969" "5537410" "5673266" "6259684" "6272358" "6134242" "5222251" "5754537" "5959981" "6484110" "5452289" "5471470" "5500859" "5559793" "5574725" "5577041" "5600649" "5673257" "5673268" "5764627" "5790532" "6205190" "5315570" "5953319" "5381460" "5404579" "5481595" "5495519" "6002945" "6009338").pn.) and (switch\$4 chang\$4 alter\$4)))) and ((pulse or pcm or analog) with (digital or packet) with switch\$4)) and ((US-5550893-\$ or US-5790957-\$ or US-6272358-\$ or US-6421353-\$ or US-5729536-\$ or US-6622017-\$).did.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/04 11:22

35	4	((("5550893" "6421353" "5754589" "6064857" "5729536" "6324515" "5920834" "6272190" "6477370" "5535204" "5764628" "5815503" "5749057" "6377685" "5790957" "6006189" "6138022" "6370127" "5459722" "6070089" "6091969" "5537410" "5673266" "6259684" "6272358" "6134242" "5222251" "5754537" "5959981" "6484110" "5452289" "5471470" "5500859" "5559793" "5574725" "5577041" "5600649" "5673257" "5673268" "5764627" "5790532" "6205190" "5315570" "5953319" "5381460" "5404579" "5481595" "5495519" "6002945" "6009338").pn.) and call adj request	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/04 12:26
36	8	((("5550893" "6421353" "5754589" "6064857" "5729536" "6324515" "5920834" "6272190" "6477370" "5535204" "5764628" "5815503" "5749057" "6377685" "5790957" "6006189" "6138022" "6370127" "5459722" "6070089" "6091969" "5537410" "5673266" "6259684" "6272358" "6134242" "5222251" "5754537" "5959981" "6484110" "5452289" "5471470" "5500859" "5559793" "5574725" "5577041" "5600649" "5673257" "5673268" "5764627" "5790532" "6205190" "5315570" "5953319" "5381460" "5404579" "5481595" "5495519" "6002945" "6009338").pn.) and (((dual or analog with digital\$4)) or (pulse with code)) and packet same ((switch\$4 chang\$4 alter\$4))) and @ad<=20000609) or (((("5550893" "6421353" "5754589" "6064857" "5729536" "6324515" "5920834" "6272190" "6477370" "5535204" "5764628" "5815503" "5749057" "6377685" "5790957" "6006189" "6138022" "6370127" "5459722" "6070089" "6091969" "5537410" "5673266" "6259684" "6272358" "6134242" "5222251" "5754537" "5959981" "6484110" "5452289" "5471470" "5500859" "5559793" "5574725" "5577041" "5600649" "5673257" "5673268" "5764627" "5790532" "6205190" "5315570" "5953319" "5381460" "5404579" "5481595" "5495519" "6002945" "6009338").pn.) and (switch\$4 chang\$4 alter\$4))) and call with request	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/04 12:28
37	2	((("5550893" "6421353" "5754589" "6064857" "5729536" "6324515" "5920834" "6272190" "6477370" "5535204" "5764628" "5815503" "5749057" "6377685" "5790957" "6006189" "6138022" "6370127" "5459722" "6070089" "6091969" "5537410" "5673266" "6259684" "6272358" "6134242" "5222251" "5754537" "5959981" "6484110" "5452289" "5471470" "5500859" "5559793" "5574725" "5577041" "5600649" "5673257" "5673268" "5764627" "5790532" "6205190" "5315570" "5953319" "5381460" "5404579" "5481595" "5495519" "6002945" "6009338").pn.) and (((dual or analog with digital\$4)) or (pulse with code)) and packet same ((switch\$4 chang\$4 alter\$4))) and @ad<=20000609) or (((("5550893" "6421353" "5754589" "6064857" "5729536" "6324515" "5920834" "6272190" "6477370" "5535204" "5764628" "5815503" "5749057" "6377685" "5790957" "6006189" "6138022" "6370127" "5459722" "6070089" "6091969" "5537410" "5673266" "6259684" "6272358" "6134242" "5222251" "5754537" "5959981" "6484110" "5452289" "5471470" "5500859" "5559793" "5574725" "5577041" "5600649" "5673257" "5673268" "5764627" "5790532" "6205190" "5315570" "5953319" "5381460" "5404579" "5481595" "5495519" "6002945" "6009338").pn.) and (switch\$4 chang\$4 alter\$4))) and call with request	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/04 12:31
38	2	((("5550893" "6421353" "5754589" "6064857" "5729536" "6324515" "5920834" "6272190" "6477370" "5535204" "5764628" "5815503" "5749057" "6377685" "5790957" "6006189" "6138022" "6370127" "5459722" "6070089" "6091969" "5537410" "5673266" "6259684" "6272358" "6134242" "5222251" "5754537" "5959981" "6484110" "5452289" "5471470" "5500859" "5559793" "5574725" "5577041" "5600649" "5673257" "5673268" "5764627" "5790532" "6205190" "5315570" "5953319" "5381460" "5404579" "5481595" "5495519" "6002945" "6009338").pn.) and (((dual or analog with digital\$4)) or (pulse with code)) and packet same ((switch\$4 chang\$4 alter\$4))) and @ad<=20000609) or (((("5550893" "6421353" "5754589" "6064857" "5729536" "6324515" "5920834" "6272190" "6477370" "5535204" "5764628" "5815503" "5749057" "6377685" "5790957" "6006189" "6138022" "6370127" "5459722" "6070089" "6091969" "5537410" "5673266" "6259684" "6272358" "6134242" "5222251" "5754537" "5959981" "6484110" "5452289" "5471470" "5500859" "5559793" "5574725" "5577041" "5600649" "5673257" "5673268" "5764627" "5790532" "6205190" "5315570" "5953319" "5381460" "5404579" "5481595" "5495519" "6002945" "6009338").pn.) and (switch\$4 chang\$4 alter\$4))) and call with request interrupt) same vocoder	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/04 12:31

Search History 11/4/03 3:12:28 PM Page 7
C:\APPS\EA\T\Workspaces\I09871561.wsp

39	4	((("5550893" "6421353" "5754589" "6064857" "5729536" "6324515" "5920834" "6272190" "6477370" "5535204" "5764628" "5815503" "5749057" "6377685" "5790957" "6006189" "6138022" "6370127" "5459722" "6070089" "6091969" "5537410" "5673266" "6259684" "6272358" "6134242" "5222251" "5754537" "5959981" "6484110" "5452289" "5471470" "5500859" "5559793" "5574725" "5577041" "5600649" "5673257" "5673268" "5764627" "5790532" "6205190" "5315570" "5953319" "5381460" "5404579" "5481595" "5495519" "6002945" "6009338").pn.) and (((dual or analog with digital\$4)) or (pulse with code)) and packet same ((switch\$4 chang\$4 alter\$4))) and @ad<=20000609) or (((("5550893" "6421353" "5754589" "6064857" "5729536" "6324515" "5920834" "6272190" "6477370" "5535204" "5764628" "5815503" "5749057" "6377685" "5790957" "6006189" "6138022" "6370127" "5459722" "6070089" "6091969" "5537410" "5673266" "6259684" "6272358" "6134242" "5222251" "5754537" "5959981" "6484110" "5452289" "5471470" "5500859" "5559793" "5574725" "5577041" "5600649" "5673257" "5673268" "5764627" "5790532" "6205190" "5315570" "5953319" "5381460" "5404579" "5481595" "5495519" "6002945" "6009338").pn.) and (switch\$4 chang\$4 alter\$4))) and ((pulse or pcm) with (packet)) with vocoder)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/04 13:19
----	---	--	---	------------------